

ABSTRACT OF THE DISCLOSURE

The present invention provides a high efficiency external counterpulsation apparatus having accurate and reliable timing of inflation and deflation and reduced temperature of the pressurized gas, such that the gas flow temperature of the inflatable devices is near to room temperature, as well as faster and more responsive inflation/deflation equipment. The external counterpulsation apparatus includes a plurality of inflatable devices received about the lower extremities of the patient, a source of compressed fluid in communication with said plurality of inflatable devices, and a fluid distribution assembly interconnecting said source of compressed fluid and said inflatable devices. The fluid distribution assembly includes a selectively operable inflation/deflation valve interconnected between each of said inflatable devices and said source of compressed fluid. The fluid distribution assembly separately operates each inflation/deflation valve to sequentially inflate and deflate each inflatable devices.